

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-324067

(43)Date of publication of application : 16.12.1997

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(51)Int.Cl. C08J 9/26  
C08J 9/26  
B01D 71/32  
C08K 3/36  
C08K 5/10  
C08L 27/16  
C08L 27/18  
C08L 27/20

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(21)Application number : 08-142633

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(22)Date of filing : 05.06.1996

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(54) PRODUCTION OF POROUS FLUORORESIN

## (57)Abstract:

PROBLEM TO BE SOLVED: To produce a porous fluororesin which has an inside structure most suitable for the case where a chemical reaction occurs between two liquid phases through a porous material as in the case of a secondary battery and which is excellent in chemical resistance and long-term durability.

SOLUTION: This porous material is produced by forming a matrix consisting of 100 pts.wt. copolymer of tetrafluoroethylene, hexafluoropropylene and vinylidene fluoride, 5-300 pts.wt. ester compound having a boiling point or decomposition point of at least 200°C and 10-150 pts.wt. silicon oxide compound having a mean particle diameter of at most 100µm, and then extracting the ester compound with an organic solvent.

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LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]